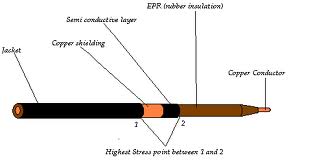
Dear Ivar

Thank you for your unbelievable help .

I try to put time rang (0,0.001,0.01) and still get singularity

So I will give you all details of my model:

This is my model in 3D

[](http://www.google.ae/imgres?q=cable+termination&hl=en&sa=X&biw=1366&bih=615&tbm=isch&prmd=imvns&tbnid=Hqlmf1hcboZPDM:&imgrefurl=http://www.cccable.com/centralctcable/terminations.htm&docid=54FKSmy01l8WIM&imgurl=http://www.cccable.com/centralctcable/images/cableterm123.gif&w=480&h=250&ei=CDceT7XtBcK78gO74LGqDg&zoom=1)

When I draw in 2D I will get as shown

Copper conductor at 16000V

Xlpe insulation

Semi conductor material

Point 1

* Semi conductor material is gounded
* The conductor is at voltage = 16000 an1(t[1/s]) (pulse train with freq=1000 and amplitude = 16kV)
* Heat generated is convected away to air

When we apply voltage with high frequency at the conductor --- high electric field will be induced and will be concentrated at the point 1 in the figure -- so that generating heat will be induced and our target is to get its temperature